

ABSTRACT OF THE DISCLOSURE

A pen input unit includes ultrasonic receivers that receive an ultrasonic signal transmitted from an ultrasonic transmitter of an input pen. Based on the received signal, the distance (distance value) of the ultrasonic transmitter from each of the ultrasonic receivers is determined. The distance value is used for the display control of the display panel, and is supplied to a reception sensitivity control section. The reception sensitivity control section carries out reception sensitivity control for reducing a difference in level of the respective waveforms received by the ultrasonic receivers. As a result, a pen input display device of an ultrasonic pen input system is provided that prevents errors over the entire input area of the display panel without increasing power consumption or impairing operability of pen entry.